Silicon Power

Product Endurance Sheet
Updated November 2026

SSD Endurance Ratings (TBW)

Total Bytes Written by model and capacity · Consumer, Endura and CreatePro SSD lines

Bar length = TBW relative to the highest rating in each category EOL End of life

CONSUMER SSDS

SATA III 2.5" SSDs

SP Ace A55 SATA III SSD

CAPACITY	TBW (TB)
128GB	37
256GB	75
512GB	150
1TB	300
2TB	600
4TB	1,200
8TB	2,400

SP Ace A56 SATA III SSD
SP Ace A58 SATA III SSD

CAPACITY	TBW (TB)
128GB	37
256GB	75
512GB	150
1TB	300
2TB	600

SP Slim S55 SATA III SSD

CAPACITY	TBW (TB)
120GB	37
240GB	75
480GB	150
960GB	300

SP Slim S56 SATA III SSD

CAPACITY	TBW (TB)
120GB	37
240GB	75
480GB	150
960GB	300

SATA III M.2 SSDs

M.2 2280 SATA III A55

CAPACITY	TBW (TB)
128GB	65
256GB	125
512GB	250
1TB	500

ENDURA SERIES

ENDURA

Endura E55 SSD

CAPACITY	TBW (TB)
512GB	530
1TB	1,000
2TB	2,100

Endura E60 SSD

CAPACITY	TBW (TB)
256GB	260
512GB	530
1TB	1,000
2TB	2,100

Endura ED90 SSD

CAPACITY	TBW (TB)
500GB	520
1TB	1,000
2TB	2,000
4TB	4,100

Endura ES75 SSD

CAPACITY	TBW (TB)
500GB	520
1TB	1,000
2TB	2,000
4TB	4,100

CONSUMER SSDS

PCIe M.2 NVMe™ SSDs

SP P34A80 PCIe Gen3 x4 NVMe™ SSD — EOL

CAPACITY	TBW (TB)
256GB	200
512GB	400
1TB	800
2TB	1,600

SP P34A60 PCIe Gen3 ×4 NVMe™ SSD

CAPACITY	TBW (TB)
128GB	37
256GB	75
512GB	150
1TB	300
2TB	600

SP UD80 PCIe Gen3 ×4 NVMe™ SSD — EOL

CAPACITY	TBW (TB)
250GB	75
500GB	150
1TB	300
2TB	600

XPOWER XD80 NVMe™ SSD — EOL

CAPACITY	TBW (TB)
256GB	200
512GB	400
1TB	800
2TB	1,600

SP UD85 PCIe Gen4 ×4 NVMe™ SSD

CAPACITY	TBW (TB)
250GB	75
500GB	150
1TB	300
2TB	600
4TB	1,200

SP UD90 2280 PCIe Gen4 ×4 NVMe™ SSD

CAPACITY	TBW (TB)
250GB	75
500GB	150
1TB	300
2TB	600
4TB	1,200

SP UD90 2230 PCIe Gen4 ×4 NVMe™ SSD

CAPACITY	TBW (TB)
500GB	150
1TB	300
2TB	600

SP US75 PCIe Gen4 ×4 NVMe™ SSD
XPOWER US75 w/ Heatsink NVMe™ SSD

CAPACITY	TBW (TB)
500GB	150
1TB	300
2TB	600
4TB	1,200

XPOWER XS70 NVMe™ SSD

CAPACITY	TBW (TB)
1TB	700 EOL
2TB	1,400
4TB	3,000
8TB	6,000 EOL

XPOWER XS75 NVMe™ SSD

CAPACITY	TBW (TB)
1TB	300
2TB	600
4TB	1,200

XPOWER XS80 NVMe™ SSD — EOL

CAPACITY	TBW (TB)
1TB	700
2TB	1,400
4TB	3,000

SP US85 PCIe Gen5 ×4 NVMe™ SSD

CAPACITY	TBW (TB)
1TB	600
2TB	1,200
4TB	2,400

XPOWER XS90 NVMe™ SSD

CAPACITY	TBW (TB)
1TB	800
2TB	1,600
4TB	3,200

CREATEPRO SERIES

CreatePro

CreatePro NAS CR55N SSD

CAPACITY	TBW (TB)
512GB	1,100
1TB	2,200
2TB	4,400

CR60N

CAPACITY	TBW (TB)
256GB	260
512GB	530
1TB	1,000
2TB	2,100

CreatePro NAS CR90N SSD

CAPACITY	TBW (TB)
500GB	650
1TB	1,300
2TB	2,600

CreatePro CR75S SSD

CAPACITY	TBW (TB)
500GB	1,250
1TB	2,500
2TB	5,000

About TBW. TBW (Terabytes Written) is the total amount of data that can be written to the drive over its lifetime under standard workload conditions. Values are rated figures and may vary with workload, firmware and operating environment. Specifications are subject to change without notice. EOL = end of life, no longer in production.